

Based Upon: PCT/RU2004/000163

AMENDMENT TO THE CLAIM

1. (Currently Amended) A circular plane saw, ~~consisting of~~ having a steel saw blade (~~saw body~~), ~~made of tool steel~~, with teeth groups made at least one of steel, ~~or having mono- and~~ monolayer plates, multilayer plates, soldering, build-up welds, coatings of hard-alloy and high-speed steels, synthetic ultra-hard materials, synthetic polycrystalline diamonds and borazon, high-strength cutting ceramics, ~~including~~ nitride ceramics, ~~and/or of~~ and other hard and ultra-hard materials, positioned at the a periphery; ~~alternately positioned on the saw body~~, right and left planing/cutting teeth in the a form of a disc part[[,]] having one plain lateral surface[[,]] which can be sharpened[[,]] and one radially convex lateral surface[[,]] which cannot be sharpened, and the chipper teeth each with a straight chipper edge, which follow the group of planing/cutting teeth, of one or different standard size and thickness, positioned a single ~~singly~~ or in a group ~~groups~~, with ~~their~~ front edges facing toward the a working ~~spin~~ rotation of the saw, or in both directions, and with at least the working edges, ~~or all edges~~, sharpened, and ~~with the~~ a thickness of the chipper teeth equal to or less than ~~that~~ of the right and left planing/cutting teeth, ~~the saw being characterised in that~~ the improvement comprising: the right saw teeth and the left saw teeth[[,]] positioned alternately on the saw body, ~~are made~~ and helically-shaped with the front chipper parts ~~made in the form of~~ formed as a “classical” ~~teeth’s~~ classical tooth part and ~~with~~ the rear planing/cutting part formed as in the form of a disc segment (~~part~~) with the a height of the an active area less

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than ~~a~~ the radius of ~~the~~ a given disc part, ~~where~~ the helically-shaped teeth are ~~the~~ an only type of teeth, positioned on the saw body, and the front chipper and ~~the~~ rear planing/cutting teeth parts are made of ~~the~~ one of a same ~~[[or]]~~ thickness and a different thickness with ~~their~~ tips positioned on ~~the same or different~~ one of circumferences and ~~[[()]]diameters[()]]~~ of the saw, and the rear planing/cutting parts of ~~these~~ the teeth are ~~made to be sharpened~~ sharpenable on ~~either~~ at least one of the lateral sides, the plain or radially convex sides, ~~or on~~ and both lateral sides.